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14 July 1976

MEMORANDUM FOR: Chief, DDI Management Staff

SUBJECT : Fighting Inflation and Reducing  
Daily Operating Costs - Final  
Report

REFERENCE : Memorandum dated 3 June 1976  
from Chief, DDI Management Staff  
to Director/OSR

1. During the period 1 July to 30 June 1976, OSR made significant advances in its fight against inflation and effort to lower daily operating costs. A reduction in office reproduction services has resulted in a savings of \$1,344 for FY 76--Category I --and savings in future years--Category 2--are expected to average about \$1,200. In addition, new developments in ADP have resulted in a Category I savings of \$46,000 as well as an expected \$244,000 in Category 2 savings.

2. The installation of a control device--an auditron--on the Office Xerox-3600 reproduction machine in October 1975 reduced the total number of monthly copies from an average of 68,000 before its installation to 60,600. The reduction of about 7,400 copies resulted in a savings of \$112 per month. Similar savings are expected to accrue in future years.

3. Significant savings have been achieved in ADP expenditures through the centralization of several existing forces files and the replacement of a specialized terminal with multi-functional terminals. Further savings accrued from the optimization and redesign of data processing programs. Specifically the following actions were taken:

a. OSR developed in FY-76 a computer storage and retrieval system for strategic order-of-battle information. This system, called OASIS, runs under

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an existing OJCS file management system and has replaced a number of decentralized forces files. These files include QUIKTRAK and its related special-function terminal (the BR-90), as well as the FORCES and HATTRICK systems. The centralization of file management systems and the replacement of specialized hardware by existing systems reduced OSR's ADP operating costs by \$39,000 in FY 76. Savings will amount to about \$70,000 per year in future years.

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b. [ ] an Intelligence Assistant in the Theater Forces Division, developed a program to simplify the operation of TACOS, a large-scale air attack/air defense simulation model. This has resulted in a Category 1 savings of \$7,000 and a similar Category 2 savings for about the next 5 years. Approximately half of this savings is due to a reduction in manhours required to run the model (200 hours/yr, \$3,400) and the remainder is savings of computer processing time (8 hours CPU time/yr, \$4,000). For his achievement, [ ] received an award of \$960 under the Agency suggestion award program.

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c. Projected operating costs for OASIS have also been reduced through the redesign of an automated data transfer program which loads selected data from the NPIC Installation Data File into the OASIS data base. By splitting the input stream and loading different types of data by two separate processing programs, input of duplicate information has been avoided and the volume of data transferred from the IDF to OASIS has been reduced by 85 percent. This will result in a projected annual savings (Category 2) of approximately \$167,000 in computer processing time (330 hours) over the life of the project.

4. OSR will continue to look for additional ways of combating the effects of inflation on this Office.

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[ ]  
Acting Director  
Strategic Research

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